

---

# Printed by EAST

---

UserID: JMaldonado

Computer: WS04983

Date: 07/24/2002

Time: 14:10

	Type	Hits	Search Text	DBs	Time Stamp
1	IS&R	6	((("5461005") or ("5523259") or ("5561083"))).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/04/08 14:33
2	IS&R	5128	((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 14:34
3	BRS	3736	((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/11 08:07
4	BRS	104	((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605 and (barrier with (pvd (physical adj vapor adj deposition) sputtering collimating)) and (planarizing cmp (chemical adj mechanical adj (polishing polish))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 14:41
5	BRS	23	((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605 and (barrier with (pvd (physical adj vapor adj deposition) sputtering collimating)) and (planarizing cmp (chemical adj mechanical adj (polishing polish)))) and ((anneal annealing) with barrier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 14:44

	Comments	Error Definition	Errors
1			0
2			0
3			0
4			0
5			0

07/24/2002, EAST Version: 1.03.0002

	Type	Hits	Search Text	DBs	Time Stamp
6	BRS	25	(((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and (barrier with (pvd (physical adj vapor adj deposition) sputtering collimating)) and (planarizing cmp (chemical adj mechanical adj (polishing polish)))) and ((anneal annealing rta (rapid adj	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 15:02
7	BRS	12676	barrier and ((titanium ti) and ((titanium adj nitride tin))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/04/08 15:03
8	BRS	91	(((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and (barrier with (pvd (physical adj vapor adj deposition) sputtering collimating)) and (planarizing cmp (chemical adj mechanical adj (polishing polish)))) and barrier and ((titanium ti) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 15:04
9	BRS	24	(((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and (barrier with (pvd (physical adj vapor adj deposition) sputtering collimating)) and (planarizing cmp (chemical adj mechanical adj (polishing polish)))) and ((anneal annealing rta (rapid adj thermal adj annealing)) with barrier)) and barrier	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 15:35

07/24/2002, EAST Version: 1.03.0002

	Comments	Error Definition	Errors
6			0
7			0
8			0
9			0

07/24/2002, EAST Version: 1.03.0002

	Type	Hits	Search Text	DBs	Time Stamp
10	BRS	17	((((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and (barrier with (pvd (physical adj vapor adj deposition) sputtering collimating)) and (planarizing cmp (chemical adj mechanical adj (polishing polish)))) and ((anneal annealing rta (rapid adj thermal adj annealing)) with barrier)) and barrier and ((titanium ti) and ((titanium adj nitride tin)) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 15:36
11	BRS	22	((((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and (barrier with (pvd (physical adj vapor adj deposition) sputtering collimating)) and (planarizing cmp (chemical adj mechanical adj (polishing polish)))) and ((anneal annealing rta (rapid adj thermal adj annealing)) with barrier)) and barrier and ((titanium ti) and ((titanium adj nitride tin)) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 15:36
12	BRS	16	((((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and (barrier with (pvd (physical adj vapor adj deposition) sputtering collimating)) and (planarizing cmp (chemical adj mechanical adj (polishing polish)))) and ((anneal annealing rta (rapid adj thermal adj annealing)) with barrier)) and barrier and ((titanium ti) and ((titanium adj nitride tin)) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 16:10

07/24/2002, EAST Version: 1.03.0002

	Comments	Error Definition	Errors
10			0
11			0
12			0

07/24/2002, EAST Version: 1.03.0002

	Type	Hits	Search Text	DBs	Time Stamp
13	BRS	3	(((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and (barrier with (pvd (physical adj vapor adj deposition) sputtering collimating)) and (planarizing cmp (chemical adj mechanical adj (polishing polish)))) and ((anneal annealing rta (rapid adj thermal adj annealing)) with barrier)) and barrier and ((titanium ti) and ((titanium adj nitride tin)) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 16:16
14	BRS	15	(((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and (barrier with (pvd (physical adj vapor adj deposition) sputtering collimating)) and (planarizing cmp (chemical adj mechanical adj (polishing polish)))) and (rta (rapid adj thermal adj (anneal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 16:20
15	BRS	9	(((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and (barrier with (pvd (physical adj vapor adj deposition) sputtering collimating)) and (planarizing cmp (chemical adj mechanical adj (polishing polish)))) and (rta (rapid adj thermal adj (anneal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/08 16:20
16	BRS	397	(((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and ((chemical adj mechanical adj polish) cmp)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/11 08:08

07/24/2002, EAST Version: 1 03 0002

	Comments	Error Definition	Errors
13			0
14			0
15			0
16			0

07/24/2002, EAST Version: 1.03.0002

	Type	Hits	Search Text	DBs	Time Stamp
17	BRS	111	(((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and ((chemical adj mechanical adj polish) cmp)) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/11 08:09
18	BRS	17	(((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and ((chemical adj mechanical adj polish) cmp)) and (metal with cmp)) and (barrier with cmp)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/11 08:18
19	BRS	17	(((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and ((chemical adj mechanical adj polish) cmp)) and (metal with cmp)) and (barrier with cmp)) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/11 08:18
20	BRS	17	(((((((((438/627) or (438/628) or (438/629) or (438/643) or (438/644) or (438/645) or (438/653) or (438/654) or (438/656) or (438/663) or (438/597) or (438/598) or (438/631) or (438/637) or (438/639)).CCLS.) and @ad<=19980605) and ((chemical adj mechanical adj polish) cmp)) and (metal with cmp)) and (barrier with cmp)) and surface) and contact	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/04/11 09:45
21	IS&R	8	((("5591671") or ("5714418") or ("5970374"))).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/04/11 09:46
22	IS&R	3	((("5591671") or ("5714418") or ("5970374"))).PN.	USPAT	2002/04/11 09:46

07/24/2002, EAST Version: 1.03.0002

	Comments	Error Definition	Errors
17			0
18			0
19			0
20			0
21			0
22			0

07/24/2002, EAST Version: 1.03.0002

	Type	Hits	Search Text	DBs	Time Stamp
23	IS&R	6180	((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 13:55
24	BRS	3842	((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19980605	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 10:05
25	BRS	3038	((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19980605 and (via hole window damascene trench opening)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 10:07
26	BRS	1010	((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19980605 and (via hole window damascene trench opening)) and (barrier and ((physiscal adj vapor adj deositition) pvd collimating sputtering))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 10:08

07/24/2002, EAST Version: 1.03.0002

	Comments	Error Definition	Errors
23			0
24			0
25			0
26			0

07/24/2002, EAST Version: 1.03.0002

	Type	Hits	Search Text	DBs	Time Stamp
27	BRS	357	(((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19980605) and (via hole window damascene trench opening)) and (barrier and ((physiscal adj vapor adj deositition) pvd collimating sputtering))) and ((contact conductive) with plug)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 10:10
28	BRS	34	(((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19980605) and (via hole window damascene trench opening)) and (barrier and ((physiscal adj vapor adj deositition) pvd collimating sputtering))) and ((contact conductive) with plug)) and ((rapid adj thermal adj (anneal annealing)) rta anneal annealing) with (plug interconnect)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 10:24

07/24/2002, EAST Version: 1.03.0002

	Comments	Error Definition	Errors
27			0
28			0

07/24/2002, EAST Version: 1.03.0002

	Type	Hits	Search Text	DBs	Time Stamp
29	BRS	0	(((((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19980605) and (via hole window damascene trench opening)) and (barrier and ((physiscal adj vapor adj deositition) pvd collimating sputtering))) and ((contact conductive) with plug)) and (contact adj plug) with (rta (rapid adj thermal adj (anneal annealing)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 10:25
30	BRS	23	(((((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19980605) and (via hole window damascene trench opening)) and (barrier and ((physiscal adj vapor adj deositition) pvd collimating sputtering))) and ((contact conductive) with plug)) and (contact plug interconnect) with (rta (rapid adj thermal adj	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 10:38

07/24/2002, EAST Version: 1.03.0002



	Comments	Error Definition	Errors
29			0
30			0

07/24/2002, EAST Version: 1.03.0002

	Type	Mits	Search Text	DBs	Time Stamp
31	BRS	43	(((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19980605) and (via hole window damascene trench opening)) and (barrier and ((physiscal adj vapor adj deosition) pvd collimating sputtering))) and (contact plug interconnect) with (rta (rapid adj thermal adj (anneal annealing)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 10:49
32	BRS	276	(((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19980605) and (plug contact interconnect interconnection) with (silicide wsi) with (formation creation reaction)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 10:51
33	BRS	31	(((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19980605) and (plug contact interconnect interconnection) with (silicide wsi) with (formation creation reaction) with ((rapid adj thermal) rta anneal annealing)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 11:30
34	BRS	73	4994410.URPN.	USPAT	2002/07/16 10:59

	Comments	Error Definition	Errors
31			0
32			0
33			0
34			0

07/24/2002, EAST Version: 1.03.0002

	Type	Hits	Search Text	DBs	Time Stamp
35	BRS	12	("4884123"   "4994410"   "4998157"   "5242860"   "5652180"   "5672543"   "5725739"   "5776830"   "5801425"   "5858873"   "5926737"   "5998871").PN.	USPAT	2002/07/16 11:01
36	BRS	4	("4624864"   "4784973"   "4829024"   "4884123").PN.	USPAT	2002/07/16 11:22
37	IS&R	10	((("6001730") or ("6153514") or ("5741626") or ("5391517")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 11:31
38	BRS	13	(plug with anneal with barrier) and @ad<=19980605	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 11:43
39	BRS	33	plug with anneal with barrier	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 11:52
40	BRS	168	plug with anneal	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 11:49
41	BRS	95	(plug with anneal) and @ad<=19980605	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 11:49
42	BRS	78	plug with barrier with anneal\$?	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 11:52
43	BRS	391	((plug interconnect contact) with (anneal\$?) with (barrier)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 14:01
44	BRS	189	((plug interconnect contact) with (anneal\$?) with (barrier)) and silicide	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 13:26
45	BRS	269	((plug interconnect contact) with (anneal\$?) with (barrier)) and @ad<=19980605	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 13:26
46	IS&R	6180	((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 13:55

07/24/2002, EAST Version: 1.03.0002

	Comments	Error Definition	Errors
35			0
36			0
37			0
38			0
39			0
40			0
41			0
42			0
43			0
44			0
45			0
46			0

07/24/2002, EAST Version: 1.03.0002

	Type	Hits	Search Text	DBs	Time Stamp
47	BRS	4660	(((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19990605	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 14:14
48	BRS	27	(((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19990605) and volcanoes	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 14:01
49	BRS	3	(((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19990605) and volcanoes and (plug interconnect contact) with (anneal\$?) with (barrier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 14:02
50	BRS	3	(((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19990605) and volcano and (plug interconnect contact) with (anneal\$?) with (barrier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 14:02

07/24/2002, EAST Version: 1.03.0002

	Comments	Error Definition	Errors
47			0
48			0
49			0
50			0

07/24/2002, EAST Version: 1.03.0002

	Type	Hits	Search Text	DBs	Time Stamp
51	BRS	27	(((((438/618) or (438/625) or (438/626) or (438/627) or (438/628) or (438/629) or (438/630) or (438/631) or (438/643) or (438/644) or (438/645) or (438/648) or (438/649) or (438/658) or (438/664) or (438/661) or (438/672) or (438/675) or (438/683) or (438/685) or (438/476) or (438/633) or (438/637) or (438/653)).CCLS.) and @ad<=19990605) and volcano	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/16 14:14
52	BRS	17	5489552.URPN.	USPAT	2002/07/16 14:11
53	BRS	20	("4532702"   "4629635"   "4804560"   "4849260"   "4874719"   "4985371"   "5108952"   "5143861"   "5164330"   "5183782"   "5200360"   "5202579"   "5232873"   "5233223"   "5244534"   "5260232"   "5272112"   "5312775"   "5327011"   "5407698").PN.	USPAT	2002/07/16 14:12
54	BRS	205541	((438/??? (257/???)).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 14:14
55	BRS	181036	(((((438/??? (257/???)).ccls.) and @ad<=19990605	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 14:15
56	BRS	172717	(((((438/??? (257/???)).ccls.) and @ad<=19980605	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 14:15
57	BRS	37	(((((438/??? (257/???)).ccls.) and @ad<=19980605) and volcano	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/07/16 14:15
58	BRS	10	5801095.URPN.	USPAT	2002/07/16 14:18
59	BRS	0	6271120.URPN.	USPAT	2002/07/16 14:19
60	BRS	8	("4701349"   "4772571"   "4994410"   "5124780"   "5141897"   "5258333"   "5266521"   "5272666").PN.	USPAT	2002/07/16 14:20

07/24/2002, EAST Version: 1.03.0002

	Comments	Error Definition	Errors
51			0
52			0
53			0
54			0
55			0
56			0
57			0
58			0
59			0
60			0